

MH-5144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

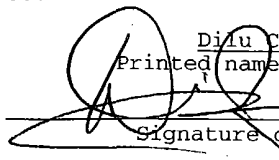


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* * *

TRANSMITTAL LETTER

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTN: Mail Stop Patent Applications

Sir:

Transmitted herewith for filing is the patent application of:
Andreas Molisch, Ye Li, and Jinyun Zhang.

FOR: ESTIMATING CHANNEL IMPULSE RESPONSE AND EQUALIZER COEFFICIENTS
IN UWB COMMUNICATION SYSTEMS

Enclosed are:

- [19] pages of specification, claims and abstract
- [8] sheet of formal drawings
- [x] Declaration and Power of Attorney
- [x] Assignment of the application
- [] Information Disclosure Statement

The filing fee is calculated as follows:

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	LARGE ENTITY		AMOUNT
Basic Fee				\$ 750.00	\$ 750.00
Total Claims	9	-20 = 2	x	18.00	
Independent Claims	1	-3 =		\$80.00	
Assignment Recording Fee				40.00	\$ 40.00
Multiple Dependent Claim Fee				270.00	

Other

TOTAL FEE \$ 790.00

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$ 790.00 for filing fees.
- [] Check in the amount of \$.00 for Filing Fee.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department
Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
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Duplicate copies of this letter are enclosed.

Respectfully submitted,
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: _____

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